Revised Introduction - March 2012

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

Please complete all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). For nonproject actions.

A. BACKGROUND

1. Name of proposed project, if applicable:
   Kenmore Access Ramp, Boat Launch and Parking

2. Name of applicant:
   Washington Department of Fish and Wildlife

3. Address and phone number of applicant and contact person:
   600 Capitol Way N, Olympia, WA : (360) 902-8380 Douglas Mackey

4. Date checklist prepared:
   12/5/12

5. Agency requesting checklist:
   Washington Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable):

Summer-Fall 2013

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Environmental permitting documents were prepared for similar project proposed to the City of Kenmore in 2006. These are now out of date. A Transportation Impact Report, Critical Areas /Wetland Report and Mitigation Plan (CAR) addressing habitat management for fish and other related CAR elements, and a Biological Assessment will be prepared.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

An interlocal agreement regarding work in the City's right-of-way and a cooperative management agreement are pending further discussion between the City of Kenmore and WDFW regarding this property.

10. List any government approvals or permits that will be needed for your proposal, if known.

City of Kenmore permits under their Shoreline Master Program and Critical Areas regulations will be required. The City has also requested an up-to-date Transportation Impact Report be submitted. WDFW will apply for a Conditional Use Permit requiring approval by the Department of Ecology. A Critical Areas Report including a Shoreline Mitigation Plan and Habitat Management Plan will also be prepared. All City of Kenmore municipal codes (KCM) must be addressed and in many cases must be documented.

A Department of Fish and Wildlife Hydraulic Project Approval and an Army Corps of Engineers 404 permit will also be required. A 401 Water Quality Certification will also be addressed in this permitting process. Cultural and historic resources will be protected and documented in accordance with E.O. 0505 and Section 106 handled through the Corps.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

PROJECT DESCRIPTION

Background: The Kenmore WDFW boat launch is in disrepair with a launch ramp that is too narrow and too short, an unorganized parking area (with no ADA stalls), old restrooms, and growing number of potholes.

The renovation proposes to widen the ramp from 12' to 24', organize parking for efficient use accommodating 29 vehicles with trailers and seven passenger vehicles, two of which are accessible per ADA. Two vegetated planting areas are proposed that will incorporate wetland plants, adjacent to river and stormwater treatment at the edge of pavement.

PROJECT SCOPE & SEQUENCING:

Erosion control BMPs will be installed along north and south edges of property. A turbidity curtain will be installed around boat ramp. The existing fiberglass vault toilets will be removed and holes filled with sand and structural fill. The existing 12-foot wide by 43-foot long concrete plank boat ramp will be removed.

A new double restroom facility will be constructed near ADA parking area and connected to the City's sewer system less than 50 feet away. A double wide ramp 24-feet wide by 54' long will be installed. Using a tracked excavator, the boat ramp profile will be graded to subgrade, washed gravel will be installed, and precast concrete planks will be slid into place. The shoulders and end of ramp will be protected with open-cell precast cabled concrete block mats (Armorflex). These mats will be anchored in place using duckbill anchors driven using an air hammer.

The existing gravel and asphalt parking area including all subgrade will be reconditioned. The traffic areas and all parking areas will be asphalt paved. Overall the impervious area will decrease by 2.0%.

Two landscaped areas will be installed to include riparian zone plantings. These areas, nearest the shoreline, will be excavated and planted including stormwater treatment on the pavement side of the plantings. The existing soils/gravel will be removed and replaced with amended top soils, native plantings and overflow level spillways. These are designed in accordance with the *DOE 2009 Surface Water Design Manual* and Appendices. A channel drain will run across the top of the ramp and drain into the bioswale.

Parking stalls will be delineated by wheel stops and striping. Parking signs and directional arrows will be installed.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, and county if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The site is located at 17150 68TH AVE NE (Parcel #1126049100), City of Kenmore, Washington in King County. The site is located within Section 11, Township 26 North, Range 4 East, W.M. The site is bordered by Juanita Drive NE to the east, the Inglewood Golf Course (private) borders to the west, and the Sammamish River to the north. The attached project drawings include a vicinity map and site plan.

King County Legal Description:
BEG NXN MNDR LN & E LN OF SEC TH N ALG SD E LN 240 FT TH W 30 FT TO TPOB TH W 50 FT TH N 18-08-20 W 447.74 FT TH N 01-26-11 E TO SH OF SAMMAMISH RIVER TH ELY ALG SH LN TO PT OF NXN WITH W MGN 68TH AVE NE TH S ALG SD ST MGN TO TPOB

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site
(circle one): Flat, rolling, hilly, steep slopes, mountainous,
other: **The project area is flat, with inclines to the adjoining city street and into the Sammamish River.**

b. What is the steepest slope on the site (approximate percent slope)?
The project area steep slopes are about 10% at their steepest locations coming off the city road.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
The soils at the site are atypical. Ten test pits were examined (Sept. 11, 2012) finding several distinct layers of gravel surfacing and fill material in the top 18 inches to 3 feet and a 4- to 7-foot layer of compacted saw-dust. A wood mill was at this site for years, and may have been the first business to operate in what is now the City of Kenmore.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
There are no data identifying specific "unstable soils" in the city, county or state data examined during this environmental review.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
The purpose of the project is to improve an existing boat launch facility. The existing 12-foot by 42.5-foot boat launch ramp will be widened to allow for a two boats to be launching or taking out at the same time. The parking lot will be resurfaced and stripped to improve organized and efficient use of limited space.

- **150 yds^3 of washed rock (quarry spalls) and crushed surfacing base course (CSBC) will be installed as a foundation for the new launch ramp section. Approximately 110 to 125 yds^3 of material below OHW will be removed. This volume consists of river bottom material (90 yds^3), upland soils (14-29 yds^3) and the existing ramp, planks, and gravel base (16 yds^3). The purpose of this earthwork is to reduce loading on and limit potential settlement of the approximate four to seven feet of compacted sawdust material below the surface. Potential seismic activity has also been factored into these quantities.**
- **Approximately 900 yds^3 of CSBC/CSTC will be imported for the base of the parking lot where repairs and new paving are to occur. No increase in grade is desired. Therefore, the material excavated for this will be used to fill the existing pit toilets and to amend the existing gravel parking area, thus decreasing the total import of material.**

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Some minor erosion is anticipated during construction that will be managed with standard construction best management practices.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 77% of the site is currently covered with 39857 ft^2 of impervious surfaces. The proposed project will reduce these surfaces by about 700 ft^2 (2%) to 39157 ft^2.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Erosion control and water quality Best Management Practices (BMPs) will be implemented to minimize possible impacts generally caused by soil disturbance. A silt curtain will be installed around the footprint of the proposed ramp to contain possible fine suspended sediments within the construction area. The contractor will be required to adhere to all the applicable Federal, State, and local erosion control protocols as specified in the TESC plan.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Emissions from construction vehicles and emissions from vehicles using the roads once renovated are associated with this project. No significant increases in the use of the Kenmore Access Area are anticipated due to the upgrading of the facility.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Standard emission control converters and mufflers would be in use by construction vehicles.

3. Water

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The boat launch property is located within the shoreline zone of the Sammamish River. Two wetlands were identified in the vicinity of the project. Palustrine forested seasonally flooded/saturated wetlands are located on the properties adjoining the boat launch site to the east and to the west. Both the wetland to the east (a category 4 nwi, per King County data) and the wetland to the west are Class 1 wetlands based on the Kenmore Municipal Code. The wetland buffers and shoreline setbacks extend into the area of construction.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Most of the project is within 200 feet of the Sammamish River. The proposed boat ramp will extend approximately 52 feet laterally below ordinary high water.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

122 yds^3 of washed crushed surfacing base course (CSBC) and quarry spall will be installed below ordinary high water (OHW) as a foundation for the new launch ramp planks, and edge armor. Approximately 90 yards of river bottom will be removed in addition to the existing ramp and its old gravel base to reduce loading on, and limit potential settlement of, the approximate four to seven feet of compacted sawdust material below the surface. This clean fill material will be imported from the closest qualified quarry.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Yes.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground Water

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not Applicable.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The source of water run-off is storm water. All storm water runoff will be treated with adjacent a wet bio filtration swale, a filter strip, and appropriate levels of treatment with existing features. See the Project Drawings.

2) Could waste materials enter ground or surface waters? If so, generally describe.

The likelihood of waste materials entering ground or surface waters is extremely low. It is conceivable that petroleum products (oil or gas) associated with construction equipment could accidentally be released, though vehicle operators are trained to prevent such waste discharges and prepared to contain releases and call for appropriate clean-up.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

During construction sediment control BMP's will be in place including use of straw mulch and silt fence around active construction areas and all fill material. Construction work is planned for the dry summer months which will reduce the impact of storm water runoff.

4. **Plants**

a. Check or circle types of vegetation found on the site:

__x__ deciduous tree: **red alder**, maple, **aspen**, other: **Lombardi Poplars, birch**
__x__ evergreen tree: **fir**, cedar, pine, other
__x__ shrubs: **willow**
__x__ grass
_____ pasture
_____ crop or grain
_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
_____ water plants: water lily, eelgrass, milfoil, other
_____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?
None

c. List threatened or endangered species known to be on or near the site.
The Natural Heritage Program (NHP) databases as well as the state (WDFW) and federal agency listings (USFWS) were examined for threatened or endangered plants on September 17, 2012. There are no listed plants within 500 feet of the project area.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Two landscaped areas will be created to include riparian plantings. The two areas nearest the shoreline will be excavated to replace the existing soils, gravel and sawdust with a soil mix suitable to support native plantings and overflow level spillways. These are designed in accordance with the *DOE 2009 Surface Water Design Manual* and Appendices.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk**, heron, **eagle**, songbirds, other: **waterfowl**
mammals: deer, bear, elk, **beaver**, other: **muskrat, river otter**
fish: bass, **salmon, trout,** herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.
Three threatened fish species (ESUs) occur in or near the Sammamish River at this location:
Chinook Salmon (*Oncorhynchus tshawytscha*) – including critical habitat
Steelhead trout (*Oncorhynchus mykiss*) –critical habitat is still under review (NMFS)
Bull trout (*Salvelinus confluentus*)

Priority Habitat and Species data analysis within 2 miles of the project area show only three wetlands and two public parks as areas of concern. The parks are a sufficient distance from the project area and there will be no adverse impacts. Potential impacts to wetlands are being addressed in the project's Critical Areas /Wetland Report. Three bald eagle nest sites are located within the two mile radius with all of them over .5 miles away from the property

boundary. Other than the species listed above no other sensitive species are present in the current WDFW PHS database. All Endangered Species Act (ESA) considerations will be addressed in the Army Corps of Engineers permitting process.

c. Is the site part of a migration route? If so, explain.
The site is considered part of the Pacific Flyway used by migratory birds. The Sammamish River is a migration route for Coho salmon, sockeye salmon, Chinook salmon, and steelhead trout.

d. Proposed measures to preserve or enhance wildlife, if any:
The two riverside landscaped areas and the bio-swale will provide riparian habitat benefits to fish and wildlife.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
None are needed.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:
None are included.

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

1) Describe special emergency services that might be required.
None.
2) Proposed measures to reduce or control environmental health hazards, if any:
None.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
There are no noises that adversely affect the project or the surrounding environment any differently than current situation as an urban boat launch.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Construction vehicles including a truck and front-end loader or bulldozer and paving vehicles will produce related noises between the hours of 7 am and 5 pm.

3) Proposed measures to reduce or control noise impacts, if any:
No special noise reduction efforts are planned.

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties?
The property has been used as a Public Access Area for over 55 years supporting a public boat launch use for fishing and recreational boating.

b. Has the site been used for agriculture? If so, describe.
No.

c. Describe any structures on the site.
There are two vault toilets at the south end of the site. The existing site includes several informational signs and a commemorative plaque.

d. Will any structures be demolished? If so, what?
The vault toilets, existing boat ramp and base course, and signs will either be: simply removed, demolished and removed, and then replaced with the proposed project elements.

e. What is the current zoning classification of the site?
The project area is zoned Parks in the City of Kenmore Comprehensive Plan.

f. What is the current comprehensive plan designation of the site?
The project area is zoned Parks in the City of Kenmore Comprehensive Plan.

g. If applicable, what is the current shoreline master program designation of the site?
Much of the site is within the City of Kenmore's Shoreline Zone. The land above Ordinary High Water (OHW) is designated "Urban Conservancy"; the substrate below OHW is designated "Aquatic."

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
The City of Kenmore's Natural Environment Sub-element of their Comprehensive Plan identifies that portions of the Kenmore Boat Launch are in or adjacent to the following critical areas: wetlands, streams, seismic sensitive areas, and the 100-year flood plain.

i. Approximately how many people would reside or work in the completed project?
None.

j. Approximately how many people would the completed project displace?
None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

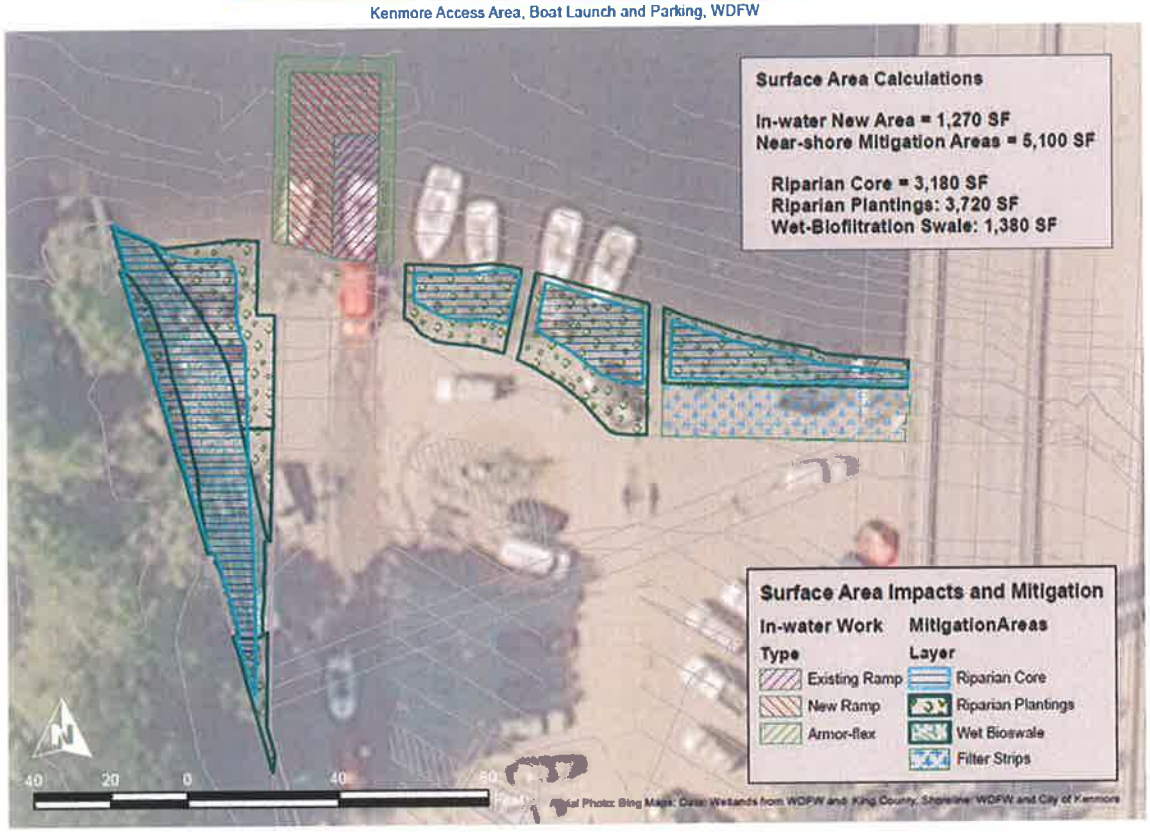
None.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The boat launch is a permitted shoreline use within the City of Kenmore's Shoreline Master Program. The pavement and vegetation planning has been designed to maximize improvements to the riparian areas along the Sammamish River while providing an adequate amount of space for parking.

In-water Impacts and Near-shore Mitigation

Kenmore Access Area, Boat Launch and Parking, WDFW



9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None.

c. Proposed measures to reduce or control housing impacts, if any:

None.

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The restroom facility and landscape plants, LWD, and rocks are the only structures proposed. The CXT vault toilets are about ten feet high with a painted concrete exterior.

b. What views in the immediate vicinity would be altered or obstructed?

The restroom facilities are proposed for the middle of the parking lot instead of along the edge and will alter the viewscape allowing visitors to see that this facility is available and accessible for people with disabilities. The vegetated areas will improve the aesthetics of the overall facility.

c. Proposed measures to reduce or control aesthetic impacts, if any:

Aesthetic impacts include improvements associated with the riparian plantings and natural material fencing such as split-rail, logs or large rocks. Given the current condition of this parking lot the pavement and restroom improvements will be an aesthetic improvement.

11. **Light and glare**

a. What type of light or glare will the proposal produce? **None.** What time of day would it mainly occur?

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

None.

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

This public area is used for boating and fishing, with a City park immediately to the east and a private golf course to the west.

b. Would the proposed project displace any existing recreational uses? If so, describe.

The existing parking area is in such disrepair that the project will enhance the recreational utility and experience for visitors.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

The project provides considerable improvements to the function of the ramp with the added width and the better layout of driving lanes. The resurfacing of the parking area also greatly improves the facility.

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

The nearby Kenmore Bridge over the Sammamish River (north-bound lane) is listed on King County's Inventory of Historic Landmarks. This project will not affect the bridge.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None are known. The only known previous use of the site was for a saw mill and the handling of timber.

c. Proposed measures to reduce or control impacts, if any:

Should any cultural resources be identified within the project area during the operational phase, work will cease in that area and a professional archaeologist would be notified immediately and a site protection plan will be developed.

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Direct access to the boat launch and parking lot is via Juanita Drive NE. Also known as 68th Avenue NE, this road is one of Kenmore's main roads.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is served by King County Metro Transit bus with the closest stop at 68th Ave. NE and NE 181st street. This public bus system connects to other forms of public transit.

c. How many parking spaces would the completed project have? How many would the project eliminate?

The proposed design will accommodate 29 vehicles with trailers, five vehicles without trailers, and two ADA vehicles. The existing situation, without any striping or lane designations, allows boaters to park in any configuration they choose. While it is conceivable that more than 29 vehicles with trailers could use the site presently, it is unlikely that it would happen.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

The entrance will be widened to meet City of Kenmore requirements.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

The project improves the site considerably yet cannot allow for appreciable increases in trips per day as the site is already being used to capacity on good-weather days. The improvements may generate earlier arrival times for those wanting to secure a parking space. An updated Transportation Impact Report is being completed in the near future for this project.

g. Proposed measures to reduce or control transportation impacts, if any:
None.

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.
No. It is worth mentioning that the project will improve access for emergency vehicles for those few times it may be needed.

b. Proposed measures to reduce or control direct impacts on public services, if any.
None.

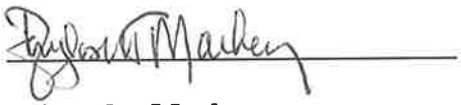
16. **Utilities**

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____.
Two vault toilets exist at this site.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
New restrooms are planned that include flush toilets that can easily be connected to the nearby City sewer line. The site will also be improved with the infrastructure to allow for the future installation of electrical lighting.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Name of signee: **Douglas Mackey**
Position and Agency/Organization: **Fish and Wildlife Biologist, Washington Department of Fish and Wildlife**

Date Submitted: **December 5, 2012**

Appendix A Project Drawings